### (19) World Intellectual Property Organization

International Bureau



### I IBANG SUNAKAN NEBANG MUNIKAN BANG BUNI KAN TUN KAN BUNIK BUNIK BUBAN KAN IBAN BANTUN KADA NEBANG BANG BANG B

## (43) International Publication Date 24 March 2005 (24.03.2005)

#### **PCT**

# (10) International Publication Number WO 2005/026487 A1

(51) International Patent Classification<sup>7</sup>: B60J 1/17, 10/04

E05F 11/40,

(21) International Application Number:

PCT/CA2004/001624

(22) International Filing Date:

15 September 2004 (15.09.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/502,989

15 September 2003 (15.09.2003) US

- (71) Applicant (for all designated States except US): INTIER AUTOMOTIVE CLOSURES INC. [CA/CA]; 521 Newpark Boulevard, Newmarket, Ontario L3Y 4X7 (CA).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): BUCHTA, Christoph [DE/DE]; Klosterbogen 3, 82061 Neuried (DE).
- (74) Agents: IMAI, Jeffrey, T. et al.; Magna International Inc., 337 Magna Drive, Aurora, Ontario L4G 7K1 (CA).

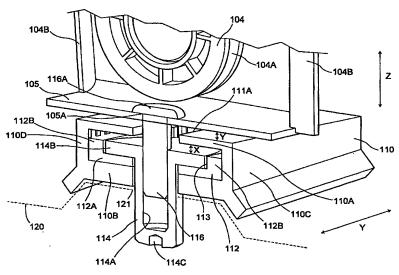
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[Continued on next page]

(54) Title: VEHICLE WINDOW ADJUSTMENT DEVICE



(57) Abstract: A device for adjusting a window regulator in a vehicle door, having - a profiled base element (110) positionable on a lower section of the vehicle door and provided with a first elongate hole (111b) in its lower side and a second elongate hole (111a) in its upper side. A slider (112) slidingly moves within the base element (110) and includes a hole (113) aligned with the first elongate hole (111b). A screw extends through the hole (113) in the slider and the first elongate hole (111b) aligned therewith. A bolt (116) is fixedly attachable to the window regulator extending through the second elongate hole (111a) and includes a threaded rod engaging the threading of screw (114). The screw (114) can be turned from a first position, in which it does not engage the slider (112), to a second position, in which it engages the slider (112) with the first screw end (114b). The device provides for simple compensation of tolerances in connection with the vehicle door and for the window regulator.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.